

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/03609

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 9/45, 17/50

US CL : 717/151, 154-158; 716/2, 7, 17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 717/151, 154-158; 716/2, 7, 17

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST BR; IEEE; ACM; CiteSeer.com

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JANSSEN et al. A Specification Invariant Technique for Regularity Improvement between Flow-Graph Clusters* IEEE Proceedings of the 1996 European Design and Test Conference (ED&TC) 1996, pages 138-143, especially Abstract, sections 1 and 4 (all).	1-11
A	BRISK et al. Instruction Generation and Regularity Extraction for Reconfiguration Processors ACM CASES 2002 October 2002, pages 1-8.	1-11
A	MOREANO et al. Datapath Merging and Interconnection Sharing for Reconfigurable Architectures ACM ISSS'02 October 2002, pages 38-43.	1-11
A	KAPLAN et al. Area-Efficient Instruction Set Synthesis for Reconfigurable System-on-Chip Designs ACM DAC 2004 June 2004, pages 395-400.	1-11

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

21 December 2004 (21.12.2004)

Date of mailing of the international search report

17 MAR 2005

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